

AMENDMENT TRANSMITTAL LETTER (Large Entity)  
Applicant(s): Wei Pan, David R. Evans and Sheng Teng Hsu

Docket No.  
SLA0499

Serial No  
09/978,434

Filing Date  
October 16, 2001

Examiner  
Timothy H. Meeks

Group Art Unit  
1762

Invention: Method of controlling the Initial Growth of CVD Copper Films by Surface Treatment of Barrier Metals Films

### TO THE COMMISSIONER FOR PATENTS:

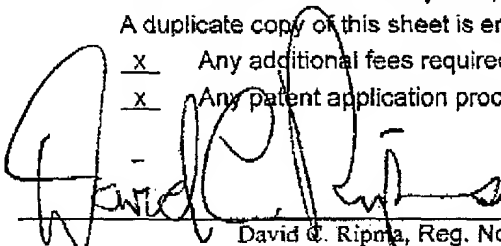
Transmitted herewith is an amendment in the above identified application.

The fee has been calculated and is transmitted as shown below.

#### CLAIMS AS AMENDED

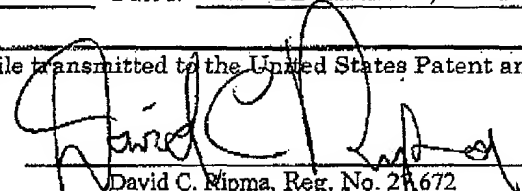
|                                                       | CLAIMS REMAINING<br>AFTER AMENDMENT | HIGHEST #<br>PREV. PAID FOR | NUMBER OF EXTRA<br>CLAIMS PRESENT | RATE      | ADDITIONAL<br>FEE |
|-------------------------------------------------------|-------------------------------------|-----------------------------|-----------------------------------|-----------|-------------------|
| TOTAL CLAIMS                                          | 7 -                                 | 20 =                        | 0                                 | x \$18.00 | \$0.00            |
| INDEP. CLAIMS                                         | 2 -                                 | 4 =                         | 0                                 | x \$84.00 | \$0.00            |
| Multiple Dependent Claims (check if applicable) _____ |                                     |                             |                                   |           | \$0.00            |
| TOTAL ADDITIONAL FEE FOR THIS AMENDMENT               |                                     |                             |                                   |           | \$0.00            |

- ☒ No additional fee is required for amendment.
- ☐ Please charge Deposit Account No. 19-1457 in the amount of \$0.00.
- ☐ A duplicate copy of this sheet is enclosed.
- ☐ A check in the amount of \_\_\_\_\_ to cover the filing fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 19-1457.
- ☐ A duplicate copy of this sheet is enclosed.
- ☒ Any additional fees required under 37 C.F.R. 1.16.
- ☒ Any patent application processing fees under 37 C.F.R. 1.17.

  
David C. Ripma, Reg. No. 27,672

Dated: SEPTEMBER 2, 2003

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office under 37 C.F.R. §1.8 at Fax No. (703) 872-9310 on September 2, 2003.

  
David C. Ripma, Reg. No. 27,672

Note: Each paper must have its own certificate or transmission, or this certificate must identify each submitted paper. The papers submitted include:

- |                                                                                            |           |
|--------------------------------------------------------------------------------------------|-----------|
| <input checked="" type="checkbox"/> This Amendment Transmittal Letter (Duplicate Attached) | 2 page(s) |
| <input checked="" type="checkbox"/> Response under 37 CFR § 1.111                          | 4 page(s) |
| <input type="checkbox"/> Attachments                                                       | page(s)   |
| <input type="checkbox"/> Petition for Extension of Time under 37 C.F.R. § 1.136            | page      |

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Total pages, including this Transmittal: 6

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Serial No.: 09/978,434  
Applicant: Wei Pan et al.  
Filed: October 16, 2001  
Group #: 1762  
Examiner: Timothy H. Meeks

Confirmation Number: 5020

Docket No: SLA.0499  
Customer No: 27518  
For: Method of Controlling the Initial Growth of CVD Copper Films by Surface  
Treatment of Barrier Metals Films

MS Non-Fee Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

**RESPONSE TO OFFICE ACTION UNDER 37 C.F.R. § 1.111**  
**Introductory Comments**

In response to the Office Action dated June 2, 2003, please amend the above-identified Application as follows:

**Amendment to the Specification, None**

**Amendment to the Claims** are reflected in the listing of claims which begins on page 2, of this paper.

**Amendment to the Drawings, None**

**Remarks/Arguments** begin on page 4 of this paper.

**An Appendix** is not included.

Page 1 Response to Office Action under 37 C.F.R. § 1.111 for Serial No. 09/978,434